

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103439.D
 Acq On : 6 Mar 2018 4:50
 Operator : SJ/JU
 Sample : J1761-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-0302018

Quant Time: Mar 06 06:29:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

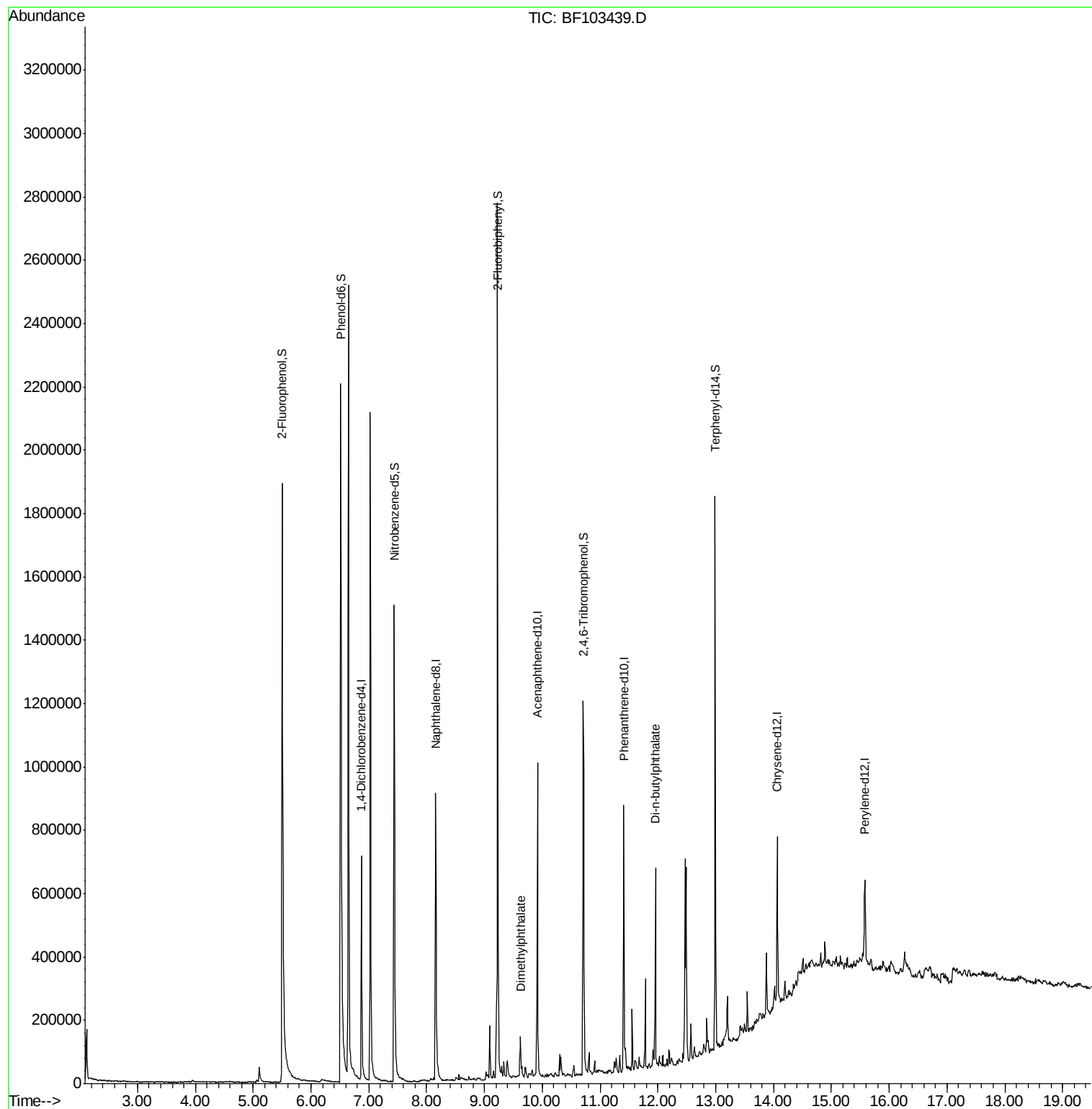
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	125473	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	485561	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	198936	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	300129	20.00	ng	0.00
75) Chrysene-d12	14.07	240	186684	20.00	ng	0.00
86) Perylene-d12	15.58	264	137839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	815032	98.24	ng	0.00
7) Phenol-d6	6.52	99	1015675	100.05	ng	0.00
23) Nitrobenzene-d5	7.44	82	559969	65.86	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	124065	73.68	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	862193	71.96	ng	0.00
78) Terphenyl-d14	12.99	244	585173	75.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	46309	2.902	ng	100
73) Di-n-butylphthalate	11.96	149	320436	15.183	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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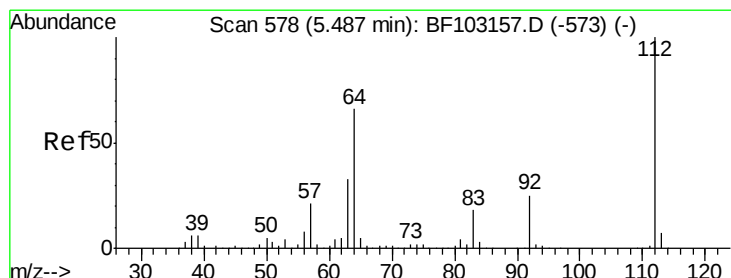
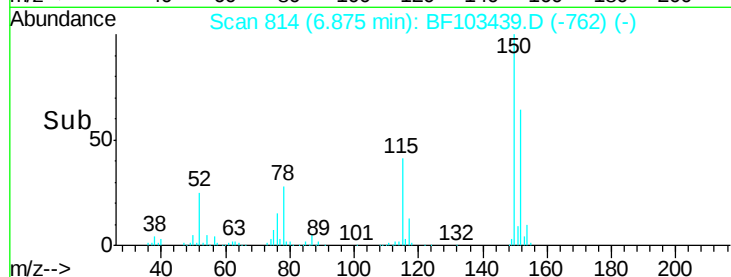
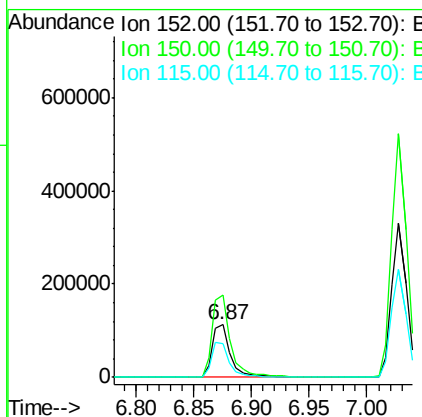
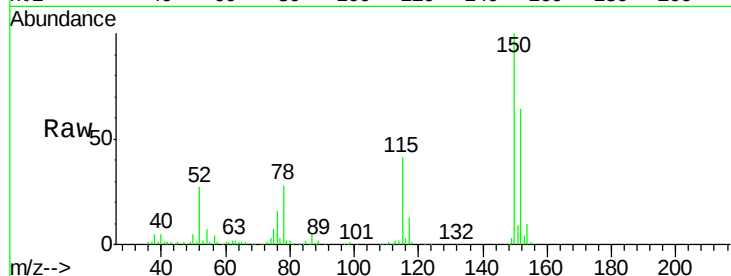


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103439.D
Acq: 6 Mar 2018 4:50

Instrument :
BNA_F
ClientSampleId :
TR-04-0302018

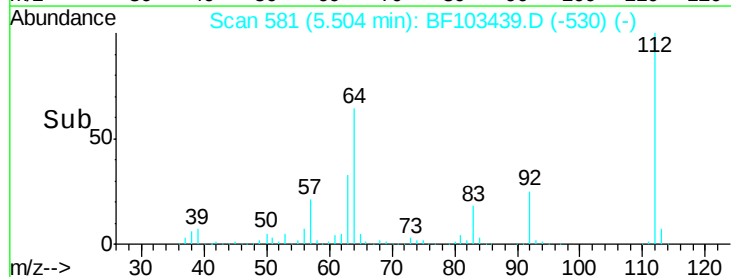
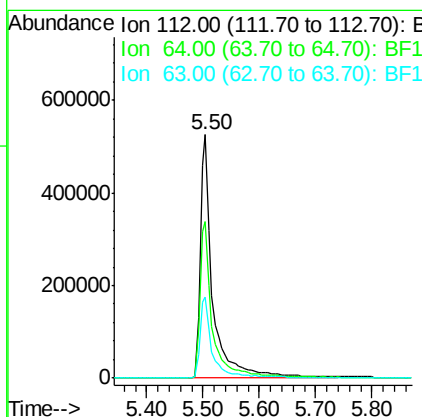
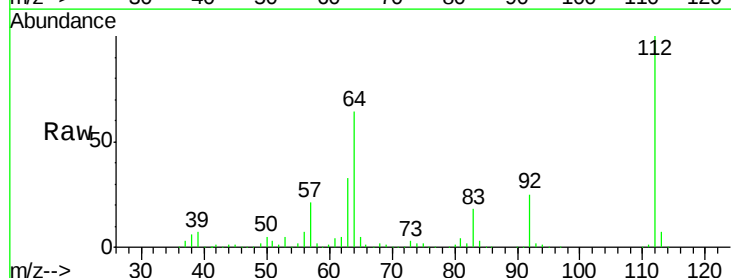
Tot Ion:152 Resp: 125473
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 65.0 50.1 75.1

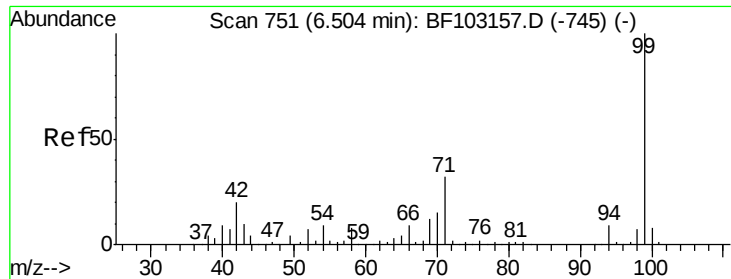


#5

2-Fluorophenol
Concen: 98.242 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103439.D
Acq: 6 Mar 2018 4:50

Tgt Ion:112 Resp: 815032
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 33.2 23.7 35.5





#7

Phenol-d6

Concen: 100.051 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

Instrument :

BNA_F

ClientSampleId :

TR-04-0302018

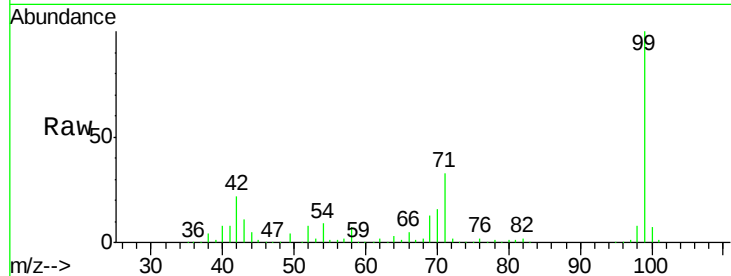
Tot Ion: 99 Resp: 1015675

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7

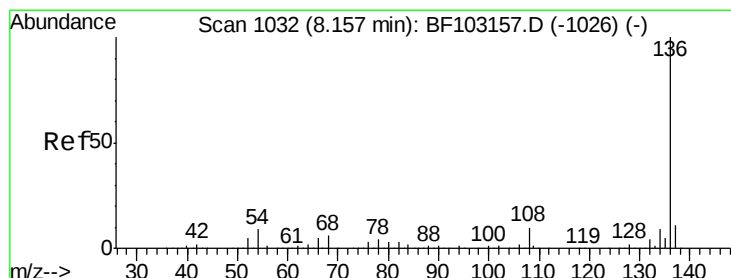
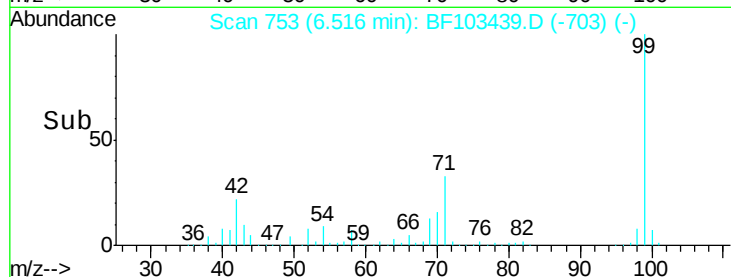
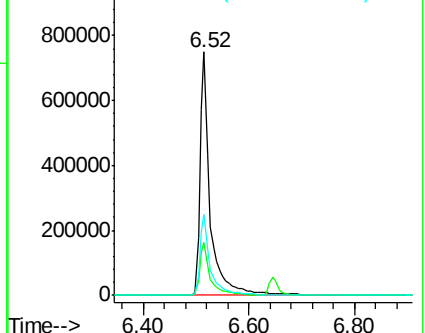
71 33.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

Tgt Ion: 136 Resp: 485561

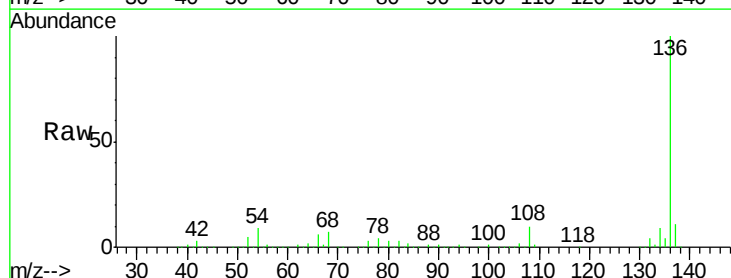
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.1 6.6 9.8

68 6.6 5.0 7.4

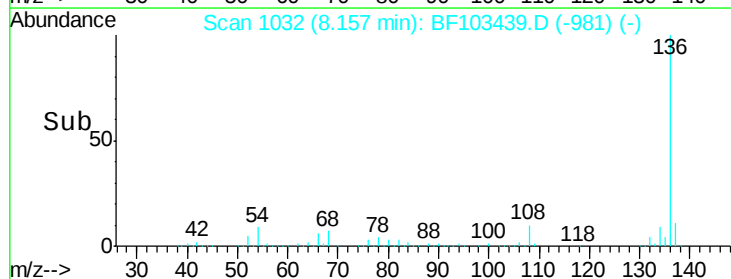
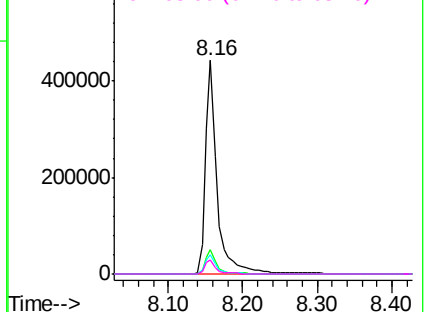


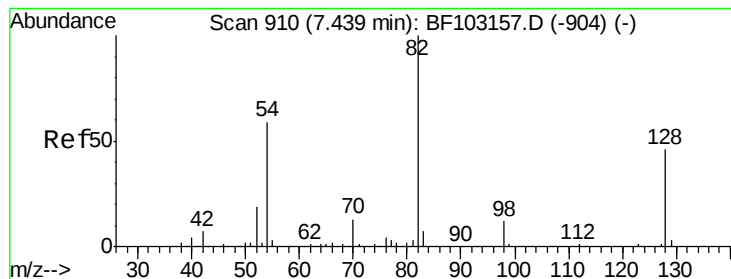
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 65.860 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

Instrument :

BNA_F

ClientSampleId :

TR-04-0302018

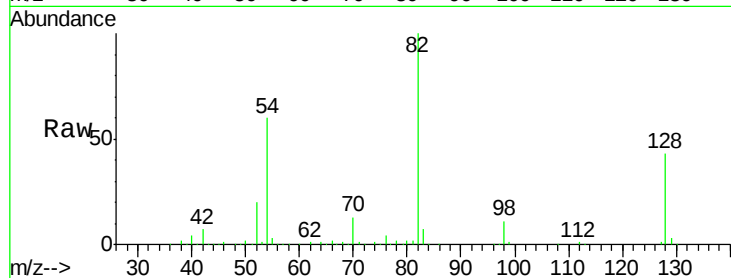
Tot Ion: 82 Resp: 559969

Ion Ratio Lower Upper

82 100

128 43.2 36.1 54.1

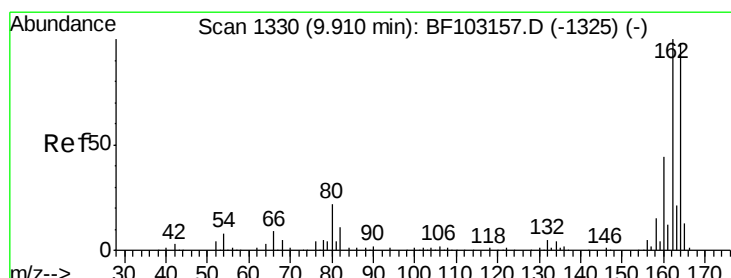
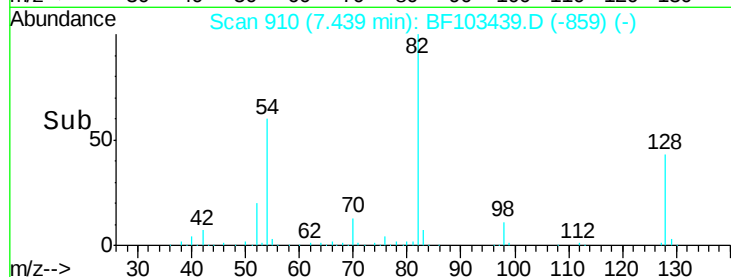
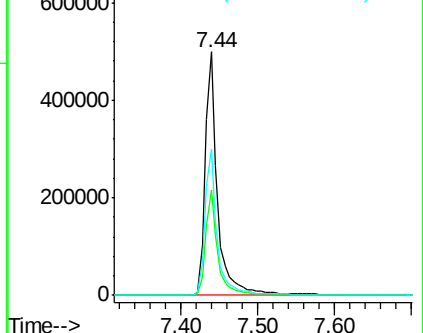
54 60.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

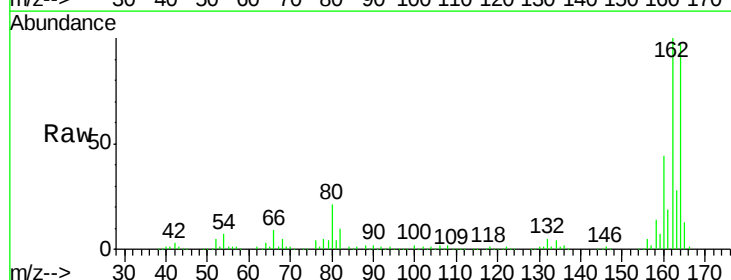
Tgt Ion:164 Resp: 198936

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

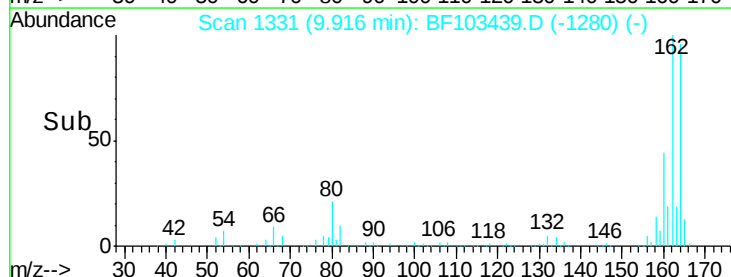
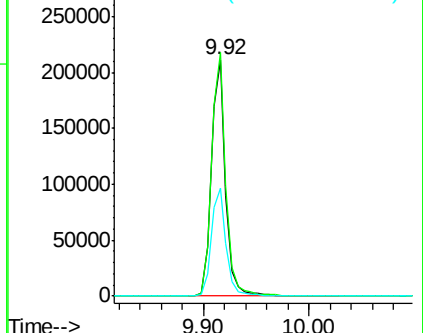
160 45.7 38.3 57.5

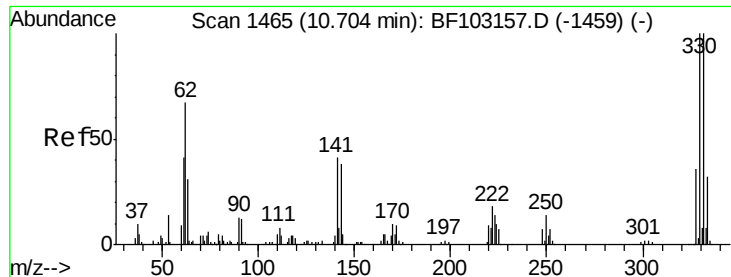


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 73.678 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

Instrument :

BNA_F

ClientSampleId :

TR-04-0302018

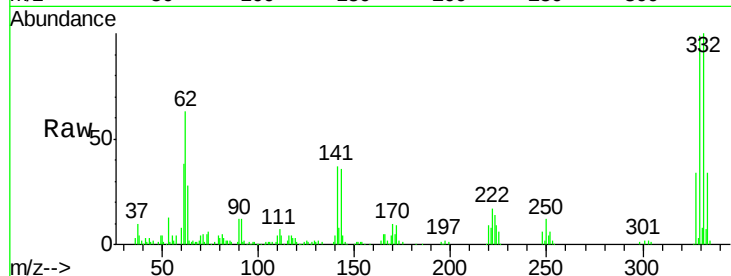
Tot Ion:330 Resp: 124065

Ion Ratio Lower Upper

330 100

332 102.5 77.0 115.6

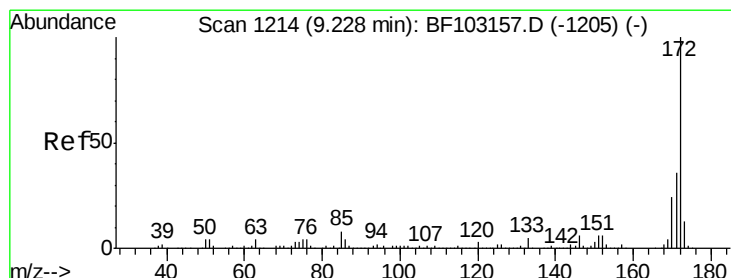
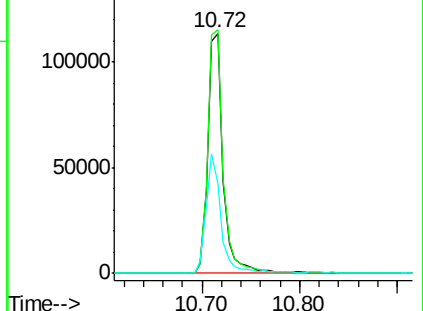
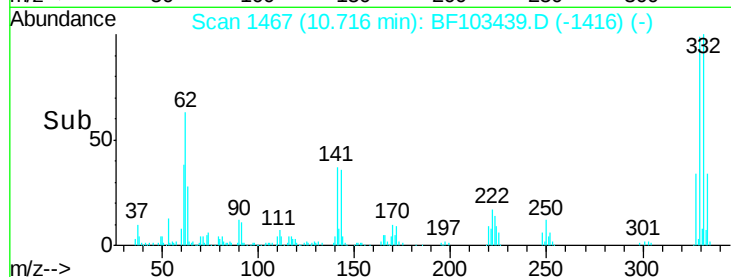
141 49.0 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 71.956 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

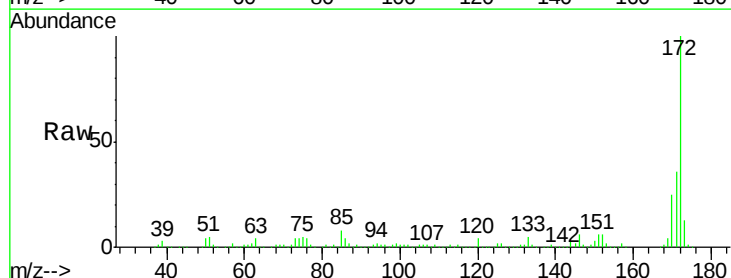
Tgt Ion:172 Resp: 862193

Ion Ratio Lower Upper

172 100

171 35.5 29.7 44.5

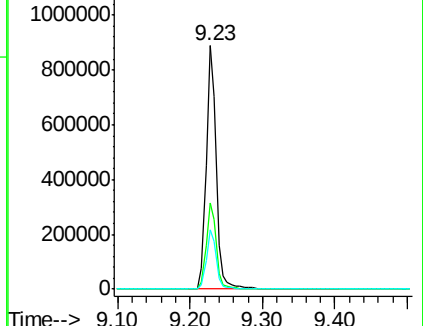
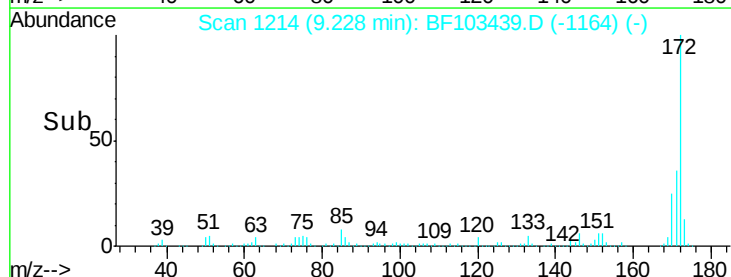
170 24.6 19.6 29.4

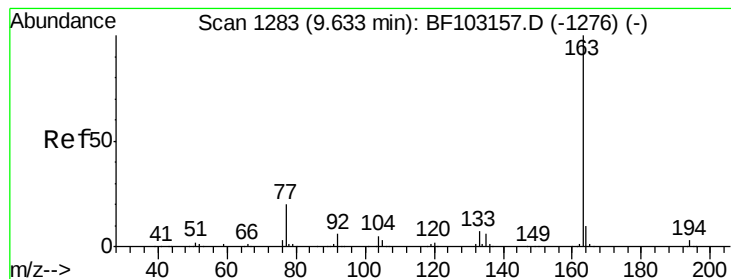


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.902 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

Instrument :

BNA_F

ClientSampleId :

TR-04-0302018

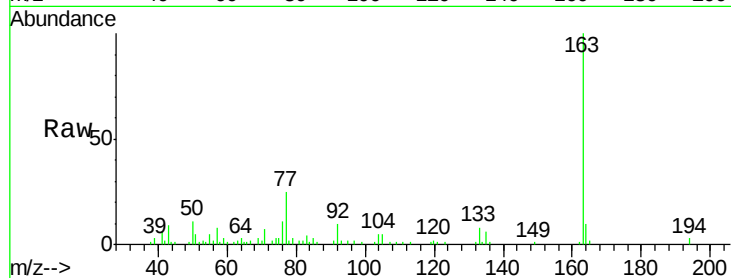
Tot Ion:163 Resp: 46309

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

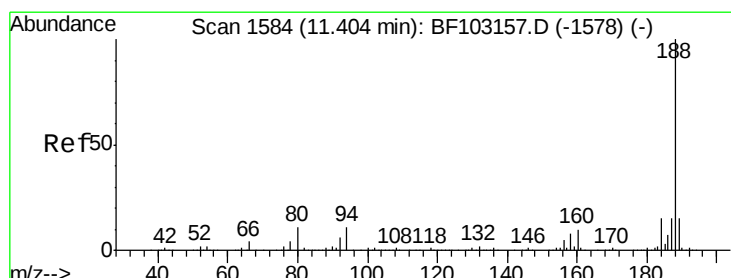
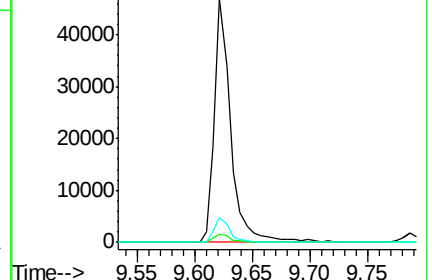
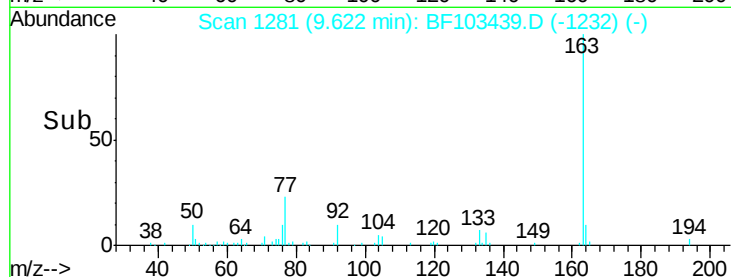
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

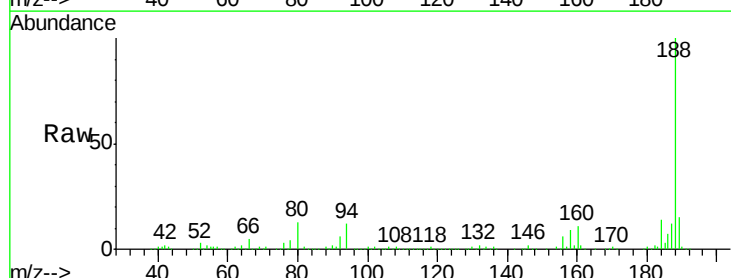
Tgt Ion:188 Resp: 300129

Ion Ratio Lower Upper

188 100

94 12.4 8.5 12.7

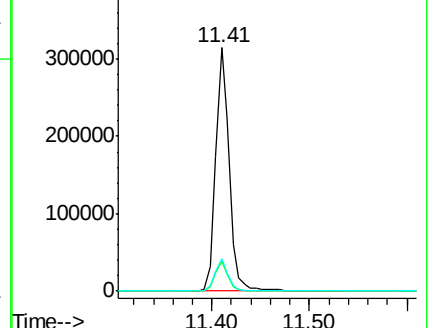
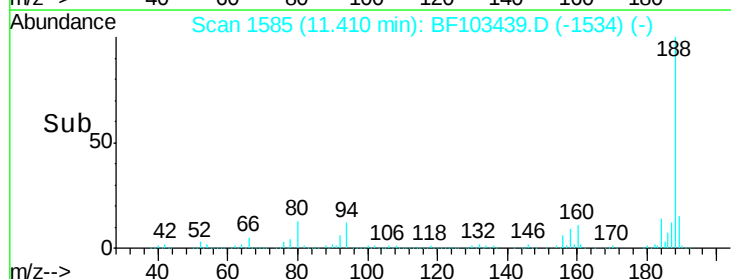
80 13.2 9.2 13.8

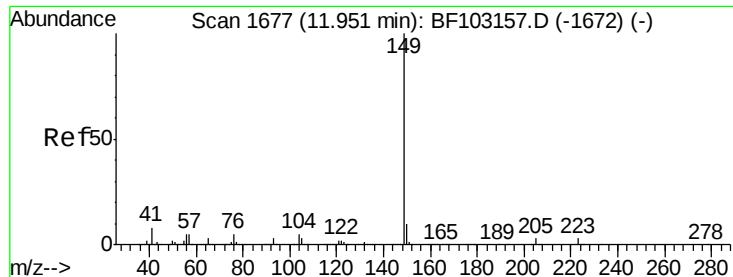


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#73

Di-n-butylphthalate

Concen: 15.183 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

Instrument :

BNA_F

ClientSampleId :

TR-04-0302018

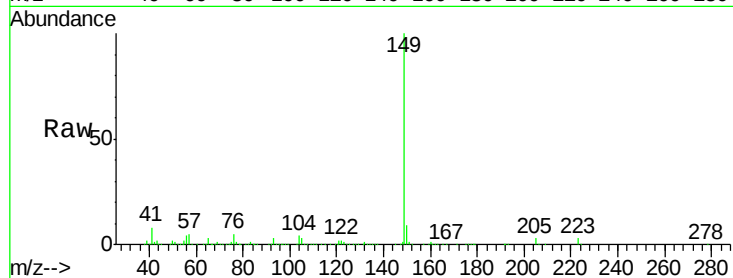
Tot Ion:149 Resp: 320436

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

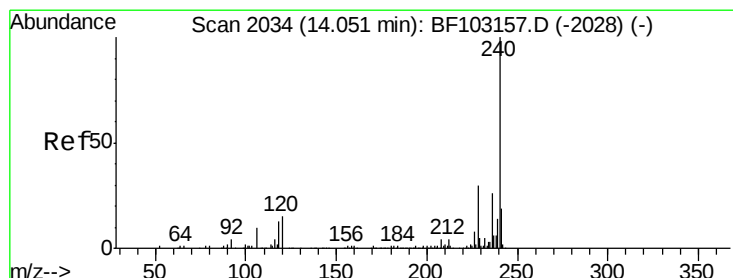
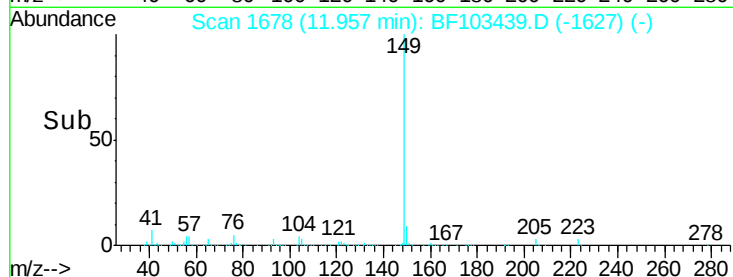
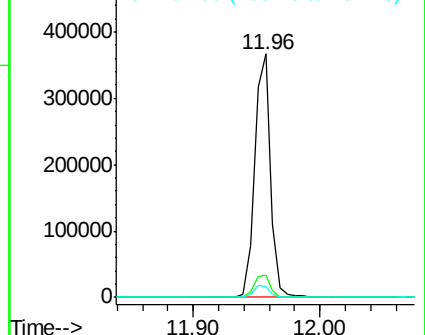
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

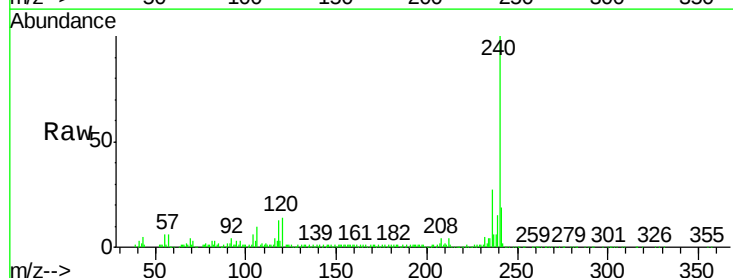
Tgt Ion:240 Resp: 186684

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

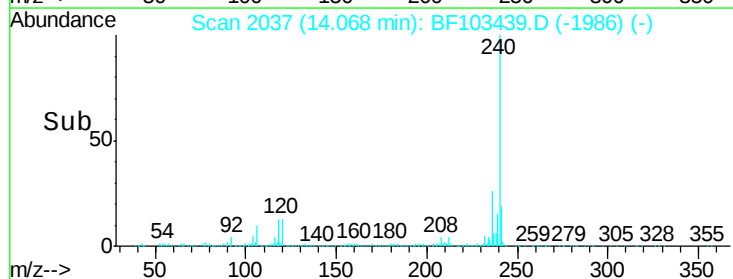
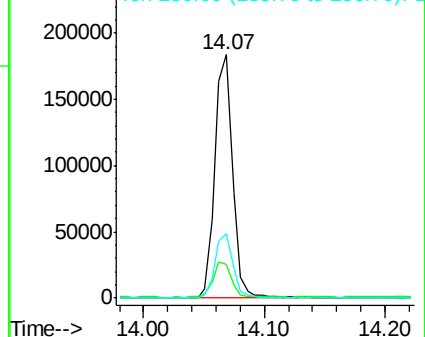
236 26.6 20.7 31.1

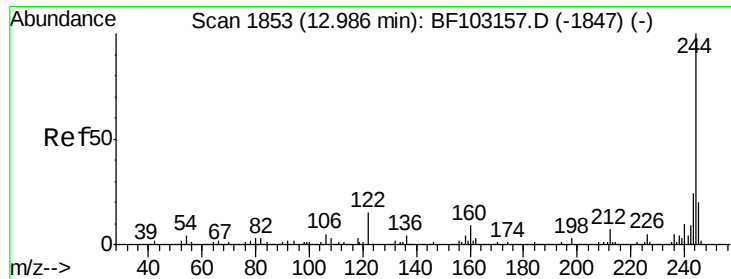


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.351 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

Instrument :

BNA_F

ClientSampleId :

TR-04-0302018

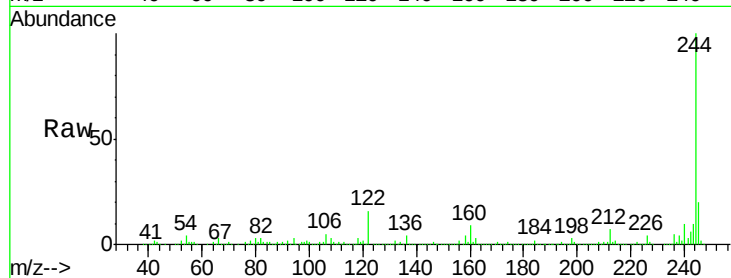
Tot Ion:244 Resp: 585173

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

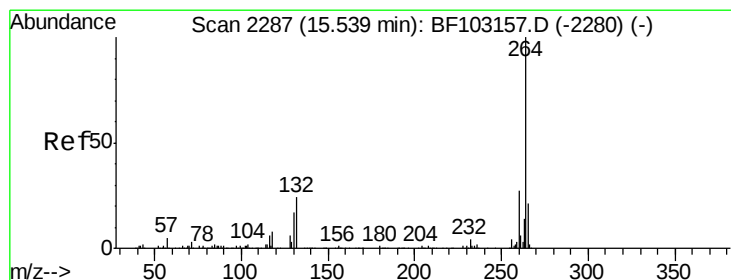
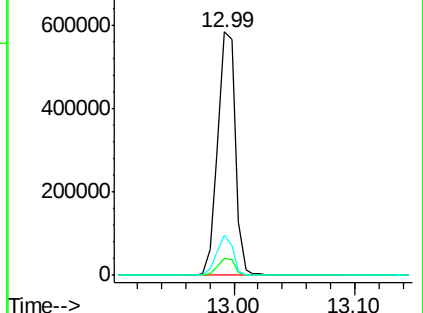
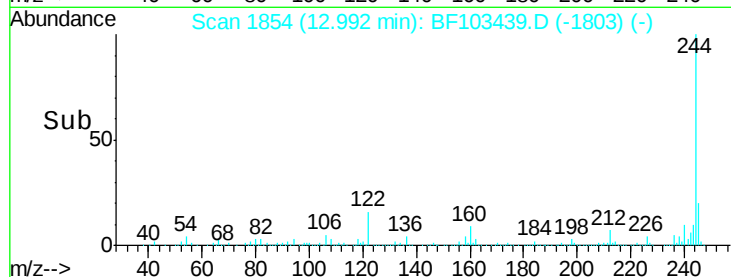
122 16.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF103439.D

Acq: 6 Mar 2018 4:50

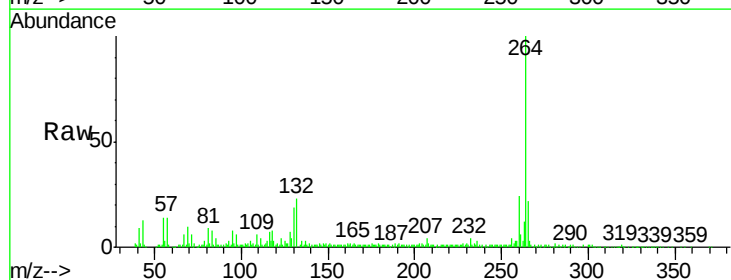
Tgt Ion:264 Resp: 137839

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

